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EXAMINER
LEWIS, ALICIA M

ART UNIT	PAPER NUMBER
2164	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
Office Action Summary	10/808,885	YEE ET AL.
	Examiner	Art Unit	
	ALICIA M. LEWIS	2164	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>26 July 2010 and 26 August 2010</u>.
2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.
3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-5,7,9-14,16-22 and 24-27</u> is/are pending in the application.
    4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5)☐ Claim(s) _____ is/are allowed.
6)☒ Claim(s) <u>1-5,7,9-14,16-22 and 24-27</u> is/are rejected.
7)☐ Claim(s) _____ is/are objected to.
8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.
10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    a)☐ All   b)☐ Some * c)☐ None of:
      1.☐ Certified copies of the priority documents have been received.
      2.☐ Certified copies of the priority documents have been received in Application No. _____.
      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)
2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3)☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.
4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.
5)☐ Notice of Informal Patent Application
6)☐ Other: _____.

DETAILED ACTION

This office action is responsive to the Request for Continued Examination (RCE)

filed August 26, 2010. Claims 1, 9 and 17 are currently amended; and claims 6, 8, 15

and 23 are canceled. Thus, claims 1-5, 7, 9-14, 16-22 and 24-27 are pending in this

application.

Claim Objections

1.   Claim 9 is objected to because of the following informalities: Regarding the last

limitation, the phrase "result of said analyzing to a browser the developer while the

developer..." is unclear. There appears to be a typo in the limitation. For purposes of

examination, the Examiner will assume Applicant intends to claim providing the result of

said analyzing to the developer with a browser while the developer...as claimed in claim

1. Appropriate correction is required.

Claim Rejections - 35 USC § 103

2.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

3.   Claims 1-5, 7, 9-14, 16-22, 24, 26 and 27 are rejected under 35 U.S.C. 103(a) as

being unpatentable over Dutta et al. (US Patent Application Publication 2002/0103914

A1) ('Dutta-914') in view of Malcolm (US 2008/0172717 A1), and further in view of Dutta et al. (US 2003/0061283 A1) ('Dutta-283).

With respect to claim 1, Dutta-914 teaches:

executing with a processor (paragraphs 22, 27 and 29) one or more software components, wherein the software components include a developer tool for manipulating content of the web page by a developer, a servlet, an analyzer, and a filter (paragraphs 20, 126-127 and 143-145);

accessing said web page comprising said content with the servlet in response to a request from the development tool (Figure 4, paragraphs 33-35 , 37 and 133-134; step 610 in Fig. 6);

intercepting the request from the development tool with the filter and processing the web page with the filter (paragraphs 19, 33-34 and 137);

transferring the content of the web page from the filter to the analyzer (paragraph 135);

analyzing the content of the web page with the analyzer, wherein analyzing the content comprises measuring conformity of the content of the web page with an established standard (paragraphs 38, 126-128 and 135);

returning a result of said analyzing from the analyzer to the servlet (paragraphs 127 and 135);

appending the result of said analyzing to the content of said web page with the servlet (paragraph 137); and

displaying said web page and said result with the browser (paragraphs 135 and 137).

Dutta-914 does not teach wherein said content is secure content, processing the web page prior to encryption of said secure content and analyzing the content of the web page prior to encryption of said secure content.

Malcolm teaches an information management system (see abstract), in which he teaches:

accessing a web page comprising secure content (paragraphs 20, 83, 89 and 91);

processing the web page prior to encryption of said secure content by a servlet (paragraphs 60, 91 and 102); and

analyzing the content of the web page prior to encryption of said secure content (paragraphs 60, 91 and 102).

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Dutta-914 by the teaching of Malcolm because a web page comprising secure content, processing the web page prior to encryption of said secure content and analyzing the content of the web page prior to encryption of said secure content would enable filtering of undesirable websites (Malcolm, paragraph 26), and the use of browser plug-in modules to examine

transmission content before content has been encrypted (paragraph 60), thus providing

secure transmission of data by enterprise staff (Malcolm, paragraph 29).

Further regarding claim 1, Dutta-914 in view of Malcolm fails to teach wherein the

request from the development tool comprises a request to modify the content of the web

page by the developer; mapping a result of said analyzing to the content of the web

page; returning the result of said mapping; appending the result based on said mapping;

or displaying the content of the web page and the result of said analyzing to the

developer with a browser while the developer is manipulating the content of the web

page.

Dutta-283 teaches a method and system for evaluating applications on different

user agents (see abstract), in which he teaches:

wherein the request from the development tool comprises a request to modify the

content of the web page by the developer (abstract, paragraphs 25 and 55);

mapping a result of said analyzing to the content of the web page (paragraphs

55, 59 and 64);

returning the result of said mapping (paragraph 55);

appending the result based on said mapping (paragraphs 53, 55 and 59); and

displaying the content of the web page and the result of said analyzing to the

developer with a browser while the developer is manipulating the content of the web

page (paragraphs 53 and 55-56).

It would have been to a person having ordinary skill in the art at the time the invention was made to have further modified Dutta-914 by the teaching of Dutta-283 to enable a web developer to test his/her created web sites on a variety of browsers at the same time, and also provide the developer the ability to modify web page content (source code) and re-test the modified content any number of times until the web developer is satisfied with the web page (Dutta-283, abstract).

With respect to claim 2, Dutta-914 as modified teaches wherein said accessing said web page comprising content is performed by an application server operating on a first computing system (Dutta-914, paragraphs 19 and 35-36).

With respect to claim 3, Dutta-914 as modified teaches wherein said filter is a function of the application server (Dutta-914, paragraphs 19 and 35), wherein said filter is selectively activated by a webpage development tool accessible to said first computing system (Dutta-914, paragraphs 133-135).

With respect to claim 4, Dutta-914 as modified teaches wherein said server and said filter operate in said first computing system (Dutta-914, paragraph 134).

With respect to claim 5, Dutta-914 as modified teaches wherein said analyzer operates on a second computing system that is communicatively coupled with said first computing system (Dutta-914, Figures 1A and 1B, paragraphs 19, 34 and 37).

With respect to claim 7, Dutta-914 as modified teaches wherein said filter

transfers content of the web page to the analyzer in a hypertext mark-up language

(HTML) format (Dutta-914, paragraph 33).

With respect to claims 9 and 17, Dutta-914 teaches:

a bus (paragraph 22);

a memory unit coupled with said bus (paragraph 22); and

a processor coupled with said bus (paragraph 22), said processor configured to

execute a method of analyzing content of a web page comprising:

receiving a request for said web page (paragraphs 34 and 133-135) from a

development tool for manipulating content of the web page by a developer (paragraphs

20, 126-127 and 143-145);

generating said web page on a server in response to the request (Figure 4,

paragraphs 33-35 , 37 and 133-134; step 610 in Fig. 6);

processing the web page using a filter (paragraphs 19, 33-34 and 137);

transferring the content of the web page from the filter to an analyzer (paragraph

135);

analyzing the content of the web page, wherein analyzing the content comprises

measuring conformity of the content of the web page with an established standard

(paragraphs 38, 126-128 and 135);

returning a result of said analyzing to said server (paragraphs 127 and 135);

appending the result of said analyzing to the content of said web page

(paragraph 137); and

displaying said web page and said result (paragraphs 135 and 137).

Dutta-914 does not teach wherein said content is secure content, processing the

web page prior to encryption of said secure content and analyzing the content of the

web page prior to encryption of said secure content.

Malcolm teaches an information management system (see abstract), in which he

teaches:

accessing a web page comprising secure content (paragraphs 20, 83, 89 and

91);

processing the web page prior to encryption of said secure content by a servlet

(paragraphs 60, 91 and 102); and

analyzing the content of the web page prior to encryption of said secure content

(paragraphs 60, 91 and 102).

It would have been obvious to a person having ordinary skill in the art at the time

the invention was made to have modified Dutta-914 by the teaching of Malcolm

because a web page comprising secure content, processing the web page prior to

encryption of said secure content and analyzing the content of the web page prior to

encryption of said secure content would enable filtering of undesirable websites

(Malcolm, paragraph 26), and the use of browser plug-in modules to examine

transmission content before content has been encrypted (paragraph 60), thus providing secure transmission of data by enterprise staff (Malcolm, paragraph 29).

Further regarding claims 9 and 17, Dutta-914 in view of Malcolm fails to teach manipulating/accessing the content of the web page during testing or development of the web page; mapping a result of said analyzing to the content of the web page; returning the result of said mapping; appending the result based on said mapping; or providing/displaying the content of the web page and the result of said analyzing to the developer with a browser while the developer is performing said testing or development of the web page.

Dutta-283 teaches a method and system for evaluating applications on different user agents (see abstract), in which he teaches:

manipulating/accessing the content of the web page during testing or development of the web page (abstract, paragraphs 25 and 55);

mapping a result of said analyzing to the content of the web page (paragraphs 55, 59 and 64);

returning the result of said mapping (paragraph 55);

appending the result based on said mapping (paragraphs 53, 55 and 59); and

providing/displaying the content of the web page and the result of said analyzing to the developer with a browser while the developer is performing said testing or development of the web page (paragraphs 53 and 55-56).

It would have been to a person having ordinary skill in the art at the time the

invention was made to have further modified Dutta-914 by the teaching of Dutta-283 to

enable a web developer to test his/her created web sites on a variety of browsers at the

same time, and also provide the developer the ability to modify web page content

(source code) and re-test the modified content any number of times until the web

developer is satisfied with the web page (Dutta-283, abstract).

With respect to claims 10 and 18, Dutta-914 as modified teaches wherein said

accessing said web page comprising content is performed by an application server

operating on a first computing system (Dutta-914, paragraphs 19 and 35-36).

With respect to claims 11 and 19, Dutta-914 as modified teaches wherein said

filter is a function of the application server (Dutta-914, paragraphs 19 and 35).

With respect to claims 12 and 20, Dutta-914 as modified teaches wherein said

server and said filter operate in said first computing system (Dutta-914, paragraph 134).

With respect to claims 13 and 21, Dutta-914 as modified teaches wherein said

request for said web page is generated by a browser operating on said first computing

system (Dutta-914, paragraph 35).

With respect to claims 14 and 22, Dutta-914 as modified teaches wherein said

analyzer operates on a second computing system that is communicatively coupled with

said first computing system (Dutta-914, Figures 1A and 1B, paragraphs 19, 34 and 37).

With respect to claims 16 and 24, Dutta-914 as modified teaches wherein said

filter transfers content of the web page to the analyzer in a hypertext mark-up language

(HTML) format (Dutta-914, paragraph 33).

With respect to claim 26, Dutta-914 as modified teaches wherein accessing said

web page, intercepting the request from the development tool, transferring the content

of the web page, and analyzing the content of the web page are performed during

testing or development of the web page by a developer (Dutta-283, abstract,

paragraphs 25 and 55).

With respect to claim 27, Dutta-914 as modified teaches wherein returning a

result of said analyzing, appending the result of said analyzing to the content of said

web page, and displaying said web page and said result are performed during the

testing or development of the web page by the developer (Dutta-283, abstract,

paragraphs 25 and 55).

4.   Claim 25 is rejected under 35 U.S.C. 103(a) as being unpatentable over Dutta et

al. (US Patent Application Publication 2002/0103914 A1) ('Dutta-914') in view of

Malcolm (US 2008/0172717 A1, *priority date 9/17/2003*) and Dutta et al. (US

2003/0061283 A1) ('Dutta-283), as applied to claims 1-5, 7, 9-14, 16-22, 24, 26 and 27

above, and further in view of Berstis et al. (US 6,510,458 B1, *filing date 7/15/1999*)

('Berstis').

With respect to claim 25, Dutta-914 in view of Malcolm and Dutta-283 teaches

processing a web page using a filter.

Dutta-914 in view of Malcolm and Dutta-283 does not teach performing

sequential filtering of said web page using a plurality of filters of said filter.

Berstis teaches blocking saves to web browser cache based on content rating

(see abstract), in which he teaches performing sequential filtering of said web page

(steps 1206 and 1208 in Figure 12, column 20 lines 38-39) using a plurality of filters of

said filter (column 18 lines 3-10 and 37-47).

It would have been obvious to a person having ordinary skill in the art at the time

the invention was made to have further modified Dutta-914 by the teaching of Berstis

because performing sequential filtering of said web page using a plurality of filters of

said filter would enable a browser with the capability of blocking web page information

from the browser cache based on predefined user preferences (Berstis, abstract).

Response to Arguments

5.   Applicant's arguments with respect to claims 1-5, 7, 9-14, 16-22 and 24-27 have

been considered but are moot in view of the new ground(s) of rejection.

Contact Information

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to ALICIA M. LEWIS whose telephone number is

(571)272-5599. The examiner can normally be reached on Monday - Friday, 9 - 6:30,

alternate Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Charles Rones can be reached on 571-272-4085. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

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/Alicia M Lewis/
Examiner, Art Unit 2164
 December 5, 2010